APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.			ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231					
1. See Transmittal F (Submit an original and a Applicant claims: See 37 CFR 1.27 Specification (preferred arrangemer - Descriptive title - Cross Referenc - Statement Reg - Reference to se or a computer p - Background of - Brief Summary	Form (e.g., PTO/SB/17)  aduplicate for fee processing)  small entity status.  [Total Pages 16 ]  at set forth below)  e of the invention  equence listing, a table, program listing appendix  the Invention  on of the Drawings (if filed)		Washington, DC 20231  7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or i i. paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS					
- Claim(s) - Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [ Total Sheets 9 ]			9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) 11. English Translation Document (if applicable)					
5. Oath or Declaration [Total Pages 2]  a. Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuationIdivisional with Box 17 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  17. If a CONTINUING APPLICATION, check appropriate box, and supply the or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP)  Prior application information: Exeminer  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the pri Box 5b, is considered a part of the disclosure of the accompanying continuation the incorporation can only be relied upon when a portion has been inadvertentity		d supply the	12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449  13. Preliminary Amendment  14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Other:  the requisite information below and in a preliminary amendment, of prior application No:  Group I Art Unit:  Group I					
•	18. CORRESP							
Customer Number or Bar Code Label (Insert Customer No. or Attach bar code			or Correspondence address below					
Name	Roylance, Abrams, Berdo & Goodman, L.L.P.							
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Name (Print/Type)	Mark W. Hrozenchik		Registration No. (Attornov/Agont) 45,316					

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief mormation Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PTO/SB/17 (05-03)

(Complete (if applicable)

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Under the Paperwork Reduction Act of 1995, no persons are required to	U.S. Patent and Tu	Approved for use through 04/30/2003. OMB 0651-0032 rademark Office; U.S. DEPARTMENT OF COMMERCE ormation unless it displays a valid OMB control number		
FEE TRANSMITTAL	Complete if Known			
I LL INANSIMITIAL	Application Number	NEW		
for FY 2003	Filing Date	August 5, 2003		
Effective 01/01/2003. Patent fees are subject to annual revision.	First Named Inventor	Hye-jin CHOI et al.		
Applicant claims small entity status. See 37 CFR 1.27	Examiner Name			
	Art Unit			

TOTAL AMOUNT OF PAYMENT (\$) 790.00 Attorney Docket No. 45181								
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)						
Check Credit card Money Other None	3. A	3. ADDITIONAL FEES						
Deposit Account:	Large	Large Entity   Small Entity						
Denosit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description			
Account Number 18-2220	1051	130	2051	(\$) 65	Surcharge - late filing fee or oath	Fee Paid		
Deposit	1052	50	2052		Surcharge - late provisional filing fee or	-		
Account Name					cover sheet			
The Commissioner is authorized to: (check all that apply)	1053	130	1053		Non-English specification			
Charge fee(s) indicated below Credit any overpayments		2,520	l .		For filing a request for ex parte reexamination	$\vdash$		
Charge any additional fee(s) during the pendency of this application	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	<u> </u>		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month			
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply within second month	<u> </u>		
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month	<u> </u>		
Fee Fee Fee Fee Description Fee Paid Code (\$)	1254	1,450	2254	725	Extension for reply within fourth month			
1001 750 2001 375 Utility filing fee	1255	1,970	2255	985	Extension for reply within fifth month			
1002 330 2002 165 Design filing fee 750.00	1401	320	2401	160	Notice of Appeal			
1003 520 2003 260 Plant filing fee	1402	320	2402		Filing a brief in support of an appeal			
1004 750 2004 375 Reissue filing fee	1403	280	2403		Request for oral hearing			
1005 160 2005 80 Provisional filing fee	1451	1,510	1451		Petition to institute a public use proceeding			
SUBTOTAL (1) (\$) 750.00	1452	110	2452		Petition to revive - unavoidable			
	1453	1,300	2453	650	Petition to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501		Utility issue fee (or reissue)			
Extra Claims below Fee Paid	1502	470	2502		Design issue fee			
Independent 3 cm	1503	630	2503	315	Plant issue fee			
Claims Multiple Dependent		130	1460	130	Petitions to the Commissioner			
	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			
Large Entity   Small Entity   Fee Fee   Fee Fee   Fee Description	1806	180	1806	180	Submission of Information Disclosure Stmt			
Code (\$) Code (\$)  1202 18 2202 9 Claims in excess of 20	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00		
1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	Filing a submission after final rejection			
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	(37 ČFR 1.129(a)) For each additional invention to be	$\vdash$		
1204 84 2204 42 ** Reissue independent claims		l			examined (37 CFR 1.129(b))	<b>——</b>		
over original patent	1801	750	2801		Request for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application			
SUBTOTAL (2) (\$)		fee (spe						
**or number previously paid, if greater, For Reissues, see above	*Redu	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00						

Signature Date 08/05/03 WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SUBMITTED BY

Mark W. Hrozenchik

Name (Print/Type)

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No.

(Attorney/Agent)